Specifications

Circuit :	9 Transistor Superheterodyne
Frequency Coverage :	MW 530～1,605 Kc (566～187 m)
	SW_1 2～5.1 Mc (150～58.8 m)
	SW_2 5.5～10 Mc (54.5～30 m)
	SW_3 11～22 Mc (27.2～13.6 m)
Intermediate Frequency :	455 Kc
Antenna System :	MW Built-in Ferrite Bar Antenna
	$SW_{1\sim3}$ Built-in Telescopic Antenna
Maximum Sensitivity :	MW 26 dB (20μV/m)
(at 10 mW output)	SW_1 6 dB (2μV/m)
	SW_2 6 dB (2μV/m)
	SW_3 6 dB (2μV/m)
Selectivity :	28 dB at 10 Kc off resonance, at 1,400 Kc
Output Power :	1,000 mW (undistorted)
	1,800 mW (maximum)
Current Drain :	20 mA at zero signal, 230 mA at 1,000 mW output
Speaker :	10 cm (4"), PM dynamic, 8 Ω
Power Source :	Six Size "D" Flashlight Batteries, 9 V in total
Dimensions :	241 (H) × 330 (W) × 140 (D) mm
	(9-1/2 × 13 × 5-1/2")
Weight :	3.8 Kgs. (8 lbs.)

Adjustments

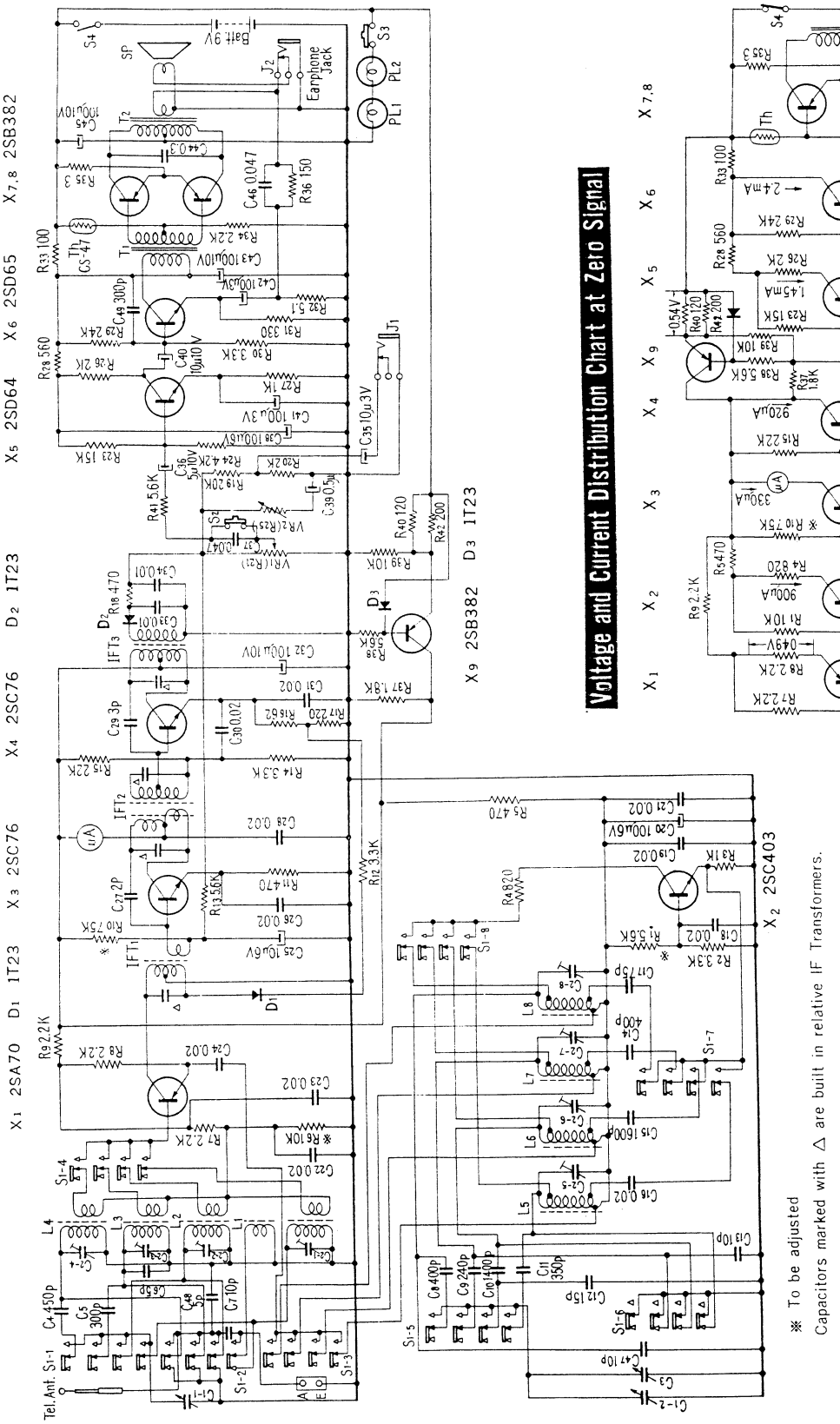
a) Frequency Coverage Adjustment

	Lower Limit	Adjust	Upper Limit	Adjust
MW	520 Kc	Core of MW OSC Coil (L_5)	1,680 Kc	MW OSC Trimmer (C_{2-5})
SW_1	1.96 Mc	Core of SW_1 OSC Coil (L_6)	5.2 Mc	SW_1 OSC Trimmer (C_{2-6})
SW_2	5.45 Mc	Core of SW_2 OSC Coil (L_7)	10.25 Mc	SW_2 OSC Trimmer (C_{2-7})
SW_3	10.9 Mc	Core of SW_3 OSC Coil (L_8)	22.4 Mc	SW_3 OSC Trimmer (C_{2-8})

b) Tracking Adjustment

	Lower Checking Point	Adjust	Upper Checking Point	Adjust
MW	620 Kc	Position of MW ANT Coil (L_1)	1,400 Kc	MW ANT Trimmer (C_{2-1})
SW_1	1.96 Mc	Core of SW_1 ANT Coil (L_2)	5.2 Mc	SW_1 ANT Trimmer (C_{2-2})
SW_2	5.45 Mc	Core of SW_2 ANT Coil (L_3)	10.25 Mc	SW_2 ANT Trimmer (C_{2-3})
SW_3	10.9 Mc	Core of SW_3 ANT Coil (L_4)	22.4 Mc	SW_3 ANT Trimmer (C_{2-4})

Schematic Diagram

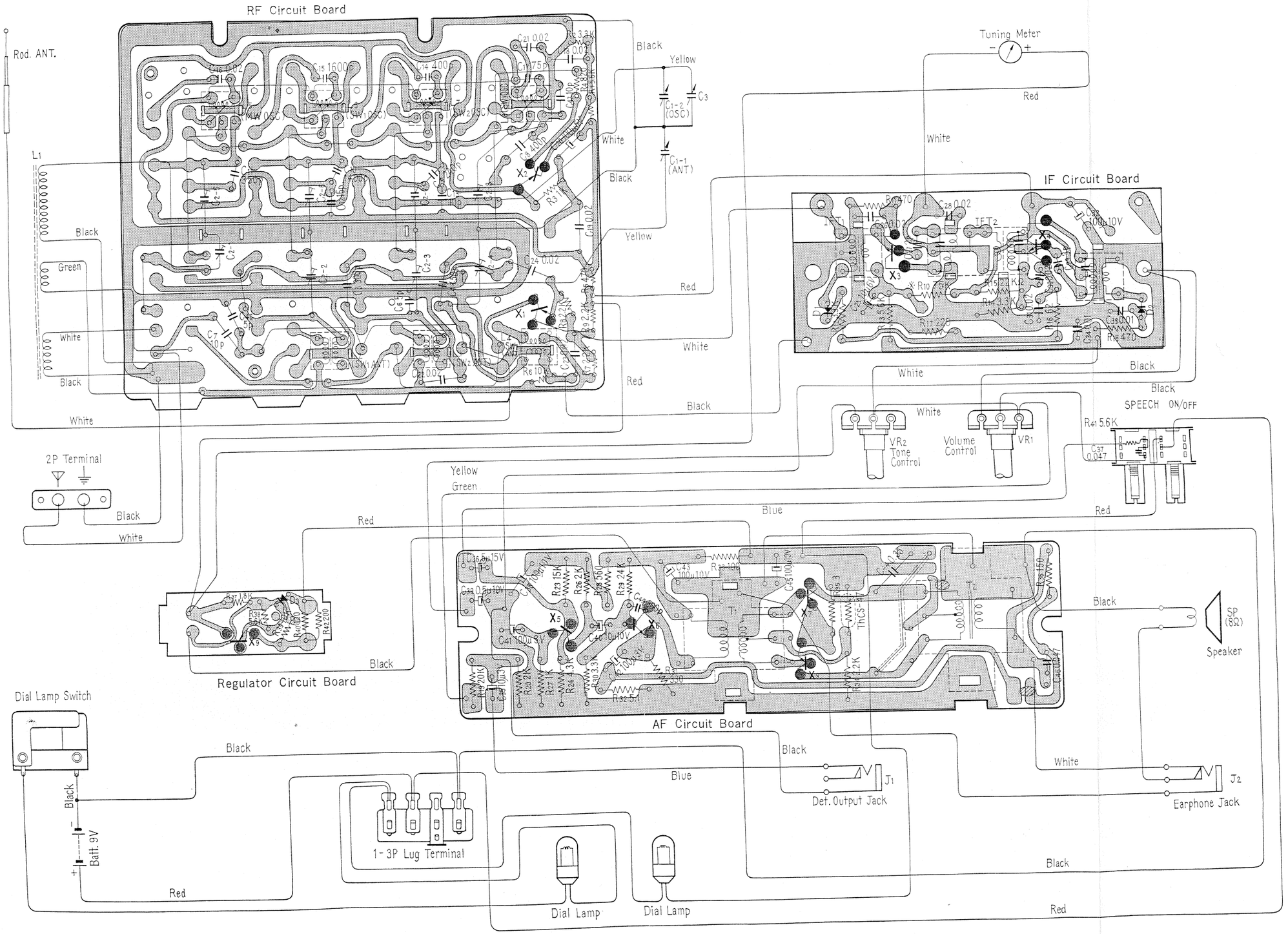


Voltage and Current Distribution Chart at Zero Signal

(64)

Mounting Diagram

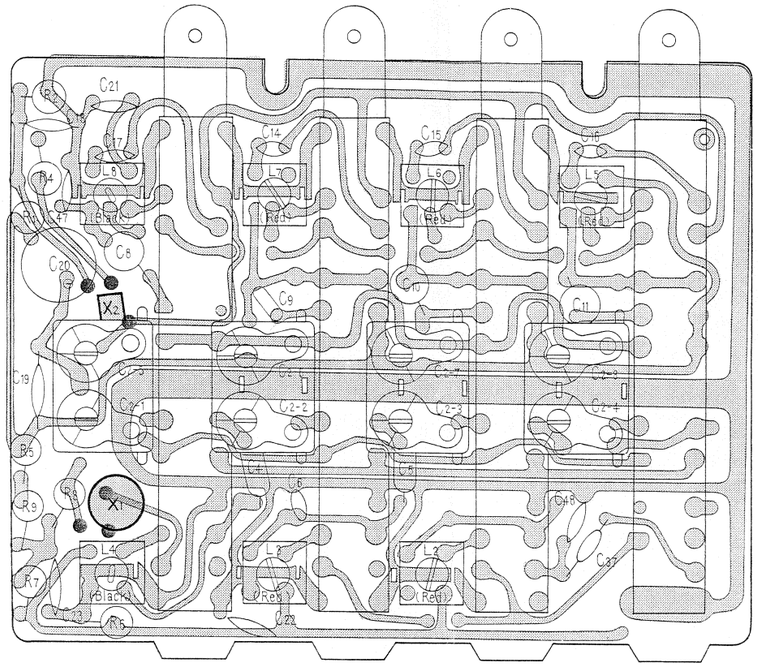
— Printed Side —



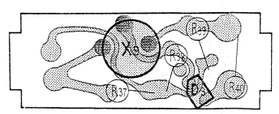
Mounting Diagram

—Parts Side—

RF Section



Regulator Section



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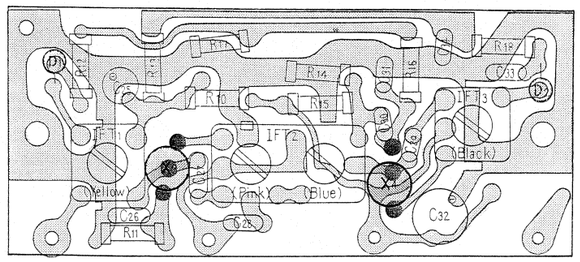
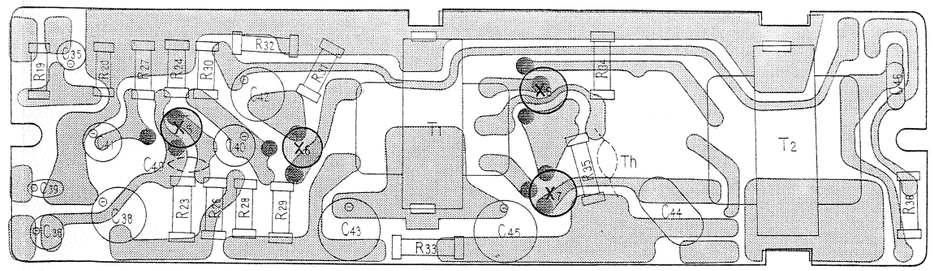
Mounting Diagram

—Parts Side—

IF Section



AF Section



C_{49} and Th are mounted on the printed side.